

Title (en)
SINGLE CELL FOR A BATTERY

Title (de)
EINZELZELLE FÜR EINE BATTERIE

Title (fr)
ÉLÉMENT INDIVIDUEL POUR UNE BATTERIE

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Application
EP 12737219 A 20120718

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Abstract (en)
[origin: WO2013017207A1] The invention relates to a single cell (1) for a battery, comprising an electrode stack (7) arranged inside a cell housing, wherein the cell housing is formed of two housing side walls (2, 3), which are electrically conductive, are essentially arranged in parallel opposite each other and are shell-shaped, comprising a protruding flange (5) extending around the edges. The protruding flanges (5) are bonded to one another, thus forming a flange zone (12), and are electrically isolated from one another, wherein pole contact tags (11) of the electrode stack (7) are connected to the housing side walls (2, 3) in an electrically conductive manner. According to the invention, at least one of the housing side walls (2, 3) is designed to protrude, at least in sections, from the flange zone (12) of at least one housing edge of the cell housing. The section (13) of the housing side wall (2, 3) protruding from the flange zone (12) is angled in the direction of a cell interior (9) and in the direction of a shell base (10) of the housing side wall (2, 3), and in an angled position protrudes from the shell base (10) at a definable value. The invention further relates to a battery made of a plurality of single cells (1).

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